EXAMINER INITIAL	ORMATION DISCLO IN AN APPLI (Use several sheets DOCUMENT NUMBER US 5,009,929 US 6,251,509 US 5,169,703 US 5,512,350 US 5,718,964 fice DOCUMENT NUMBER 1-201824	CATION If necessary U	4	NAME Iida et al. Kawamata et al. Mitazaki et al. Ryoke et al. Naoe et al.	CLASS	GROUP UNASS	IGNED		
EXAMINER INITIAL	IN AN APPLI (Use several sheets DOCUMENT NUMBER US 5,009,929 US 6,251,509 US 5,169,703 US 5,512,350 US 5,718,964 fice DOCUMENT NUMBER 1-201824	CATION If necessary UKind	N S. PATENT D DATE 1991-04-23 2001-06-26 1992-12-08 1996-04-30 1998-02-17 REIGN PATENT	TANI et al. FILING DATE December 3, 200 OCUMENTS NAME Iida et al. Kawamata et al. Mitazaki et al. Ryoke et al. Naoe et al. DOCUMENTS		GROUP UNASS	IGNED) C DATE	
h h	DOCUMENT NUMBER US 5,009,929 US 6,251,509 US 5,169,703 US 5,512,350 US 5,718,964 fice DOCUMENT NUMBER 1-201824	V Kind	DATE 1991-04-23 2001-06-26 1992-12-08 1996-04-30 1998-02-17 REIGN PATENT	December 3, 200 OCUMENTS NAME Iida et al. Kawamata et al. Mitazaki et al. Ryoke et al. Naoe et al. DOCUMENTS		UNASS	FILING	G DATE	
h h	US 5,009,929 US 6,251,509 US 5,169,703 US 5,512,350 US 5,718,964 fice DOCUMENT NUMBER 1-201824	FOF	1991-04-23 2001-06-26 1992-12-08 1996-04-30 1998-02-17 REIGN PATENT	NAME Iida et al. Kawamata et al. Mitazaki et al. Ryoke et al. Naoe et al.	CLASS	SUB	FILING IF APPR	DATE OPRIATE	
h h	US 5,009,929 US 6,251,509 US 5,169,703 US 5,512,350 US 5,718,964 fice DOCUMENT NUMBER 1-201824	FOF	1991-04-23 2001-06-26 1992-12-08 1996-04-30 1998-02-17 REIGN PATENT	Iida et al. Kawamata et al. Mitazaki et al. Ryoke et al. Naoe et al.	CLASS	SUB	FILING IF APPR	O DATE	
h	US 6,251,509 US 5,169,703 US 5,512,350 US 5,718,964 fice DOCUMENT NUMBER 1-201824		2001-06-26 1992-12-08 1996-04-30 1998-02-17 REIGN PATENT	Kawamata et al. Mitazaki et al. Ryoke et al. Naoe et al. DOCUMENTS					
N.	US 5,169,703 US 5,512,350 US 5,718,964 fice DOCUMENT NUMBER 1-201824		1992-12-08 1996-04-30 1998-02-17 REIGN PATENT	Mitazaki et al. Ryoke et al. Naoe et al. DOCUMENTS					
of f	US 5,512,350 US 5,718,964 fice DOCUMENT NUMBER 1-201824		1996-04-30 1998-02-17 REIGN PATENT	Ryoke et al. Naoe et al. DOCUMENTS					
of f	US 5,718,964 fice DOCUMENT NUMBER 1-201824		1998-02-17 REIGN PATENT	Naoe et al. DOCUMENTS					
h of i	fice DOCUMENT NUMBER 1-201824		REIGN PATENT	DOCUMENTS			 		
Off	NUMBER 1-201824					1	1		
h Of 1	NUMBER 1-201824	Kind	DATE						
h				COUNTRY	CLASS	SUB TRANS		LATION NO	
		 	1989-08-14	JAPAN	+ -		Abs		
-	6-342515		1994-12-13	JAPAN	++-	-	Abs		
1 1	2000-40218		2000-02-08	JAPAN	 		Abs		
	2000-40218		2000-02-08	JAPAN	+		Abs		
	2-265016		1990-10-29	JAPAN	+		Abs		
	5-73883		1993-03-26	JAPAN			Abs		
	6-180835		1994-06-28	JAPAN			Abs		
	11-353634		1999-12-24	JAPAN	\Box		Abs		
 	63-259830		1988-10-26	JAPAN			Abs		
	4-69812		1992-03-05	JAPAN				Х	
	11-238225		1999-08-31	JAPAN	 			X	
	6-103562	A	1994-04-15	JAPAN	 		Abs		
	6-309663	A	1994-11-04	JAPAN			Abs		
	7-296360	A	1995-11-10	JAPAN			Abs		
	7-296374	A	1995-11-10	JAPAN			Abs		
	8-336941	A	1996-12-24	JAPAN			Abs		
	9-63043	A	1997-03-07	JAPAN			Abs		
	10-3651	A	1998-01-06	JAPAN			Abs		
	11-66544	Α	1999-03-09	JAPAN			Abs		
	11-175951	A	1999-07-02	JAPAN			Abs		
	2000-90430	A	2000-03-31	JAPAN			Abs		
	2000-99940	A	2000-04-07	JAPAN		1	Abs		
	2000-11368	Α	2000-01-14	JAPAN		<i>j</i>	Abs	,	
W	2000-149242	Α	2000-05-30	JAPAN	j		Abs		
CAMINER	+1,7	Le.		DATE CONSIDERED th M.P.E.P. 609; Draw line through	7/04		· · · · · ·		

Form PTO-1449					ATTY. DOCKET NO. 0020-5201P	APPLICATION NO. NEW 0725,414				
]	INFORMA	ATION DISCL IN AN APPL			TANI et al.	* ******	/		<u>/ </u>	
(Use several sheets if necessary)					FILING DATE December 3, 20	GROUP UNASSIGNED				
			Ū	.S. PATENT D	OCUMENTS				 -	
EXAMINER INITIAL	DOCUMENT NUMBER Kind DAT		DATE	NAME	CLASS	SUB CLASS	PILIM IP ADD	G DATE		
1										
n	US 5,721,010			1998-02-24	Hinoki et al.	- ,				
	US 5,827,599			1998-10-27	Murao et al.					
1	US 5,976,714			1999-11-02	Arita et al.					
1/2	US	6,017,605		2000-01-25	Yamazaki et al.					
Ì.	<u> </u>	-US-					ŀ			
			FOR	EIGN PATENT	DOCUMENTS					
	Office DOCUMENT NUMBER		Kind DATE		COUNTRY		LASS SUB CLASS		TRANSLATION	
-		NOMBER	 			 		YES	МО	
			 			ļ		_		
-	 	- · · · · · · · ·		****		-				
	-	<u>, , , , , , , , , , , , , , , , , , , </u>								
			 							
			 							
			1							
			 							
		***************************************		·						
							_			
								,		
EXAMINER		1			DAME CONSTRUCTOR					
MARILITAN.		H.	Tle	DATE CONSIDERED						
XAMINER: In:	itial if cital	tion considered, whether		ion is in conformance with	M.P.B.P. 609; Draw line through	citation i	f not in con	formance as	nd not	